

ABSTRACT OF THE DISCLOSURE

5 An adsorber vessel for use in the adsorption of a component from a gas and
subsequent regeneration by thermally induced desorption of said component comprises
an inlet for regeneration gas having an inlet nozzle containing at least one heater
element, and an outlet for regeneration gas, said inlet and outlet for regeneration gas
being separated by a flow path including a flow chamber containing a body of adsorbent,
and wherein said body of adsorbent has a first end which is adjacent said inlet for
10 regeneration gas and a second end which is remote from said inlet for regeneration gas,
and the or each heater element is located so as not to penetrate through said first end of
the body of adsorbent.

15

06314 USA.DOC